

REMARKS

This Amendment is being filed in response to the Office Action mailed April 26, 2007, which has been reviewed and carefully considered. Reconsideration and allowance of the present application in view of the amendments made above and the remarks to follow are respectfully requested.

By means of the present amendment, the current Abstract has been deleted and substituted with the enclosed New Abstract which better conforms to U.S. practice. Further, the specification has been amended to correct certain informalities.

By means of the present amendment, claims 1-16 have been amended for better conformance to U.S. practice, such as beginning the dependent claims with 'The' instead of 'A', changing "characterized in that" to --wherein--. Claims 1-16 were not amended in order to address issues of patentability and Applicants respectfully reserve all rights under the Doctrine of Equivalents.

In the Office Action, the Examiner objected to the specification for lack of headings and suggested certain guidelines. Applicants gratefully acknowledge the Examiner's suggestion, however respectfully decline to add the headings as

they are not required in accordance with MPEP §608.01(a), and could be inappropriately used in interpreting the specification.

In the Office Action, the Examiner indicated that claims 7-9 and 11 would be allowable if rewritten in independent form. Applicants gratefully acknowledge the indication that claims 7-9 and 11 contain allowable subject matter. By means of the present amendment, claims 7, 9 and 11 have been rewritten in independent form. Accordingly, it is respectfully requested that independent claims 7, 9 and 11 be allowed. In addition, it is respectfully submitted that claim 8 should also be allowed at least based on its dependence from independent claim 7 as well as their individually patentable elements.

In the Office Action, claims 1-6, 10 and 12-16 are rejected under 35 U.S.C. §102(b) as allegedly anticipated by U.S. Patent No. 5,511,093 (Edler). It is respectfully submitted that claims 1-6, 10 and 12-16 are patentable over Edler for at least the following reasons.

Edler is directed to a method for reducing data in a multi-channel data transmission. As shown in FIG 2, a fast impulse response (FIR) filter 5 receives a delayed first input signal and

predictor coefficients a_k to output an estimate of a second input signal. An error signal $e(n)$ is derived from the difference between the second input signal $y(n)$ and the estimate of a second input signal $y'(n)$.

It is respectfully submitted that Edler does not teach or suggest the present invention as recited in independent claim 1, and similarly recited in independent claims 10 and 12-16 which, amongst other patentable features, requires (illustrative emphasis provided):

controlling the prediction filter by an error signal indicative of a difference of the second signal component and the estimate of the second signal component.

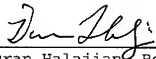
Controlling a filter by an error signal is nowhere taught or suggested in Edler. Accordingly, it is respectfully submitted that independent claims 1, 10 and 12-16 are allowable, and allowance thereof is respectfully requested. In addition, it is respectfully submitted that claims 2-6 should also be allowed at least based on their dependence from independent claim 1.

In addition, Applicants deny any statement, position or averment of the Examiner that is not specifically addressed by the

foregoing argument and response. Any rejections and/or points of argument not addressed would appear to be moot in view of the presented remarks. However, the Applicants reserve the right to submit further arguments in support of the above stated position, should that become necessary. No arguments are waived and none of the Examiner's statements are conceded.

In view of the above, it is respectfully submitted that the present application is in condition for allowance, and a Notice of Allowance is earnestly solicited.

Respectfully submitted,

By 
Dicran Halajian, Reg. 39,703
Attorney for Applicant(s)
July 17, 2007

Enclosure: New Abstract

THORNE & HALAJIAN, LLP
Applied Technology Center
111 West Main Street
Bay Shore, NY 11706
Tel: (631) 665-5139
Fax: (631) 665-5101